

## **AMENDMENTS TO THE CLAIMS**

The following listing of claims will replace all prior versions and listings of claims in the application.

### **LISTING OF CLAIMS**

15. (Currently Amended) : A rotating table apparatus comprising:  
a housing which has a gap portion;  
a driven shaft supported by said housing and driven by an actuator;  
a rotating table which is rotatably driven by said driven shaft using a cam and cam followers; and  
oil that is for lubricating said cam and said cam followers and that is contained in said gap portion;  
wherein said housing has an opposing surface which opposes an end surface of said rotating table,  
wherein there is a space between said opposing surface and said end surface in a direction along a rotation axis of said rotating table, said space being between 0.005 mm and 0.2mm,  
wherein said space is linked with said gap portion and a portion of said oil flows from said gap portion into said space while said rotating table is stopped, and  
wherein oscillation of said rotating table in the stopped position is promptly attenuated.
  
16. (Cancelled)

17. (Currently Amended) : A rotating table apparatus according to ~~Claim 15~~ Claim 15, wherein said cam is a roller gear cam and said rotating table intermittently rotates.

18. (Currently Amended) : A rotating table apparatus according to ~~Claim 17~~ Claim 17, wherein a tool is provided in said rotating table.

19. (Currently Amended) : A rotating table apparatus according to Claim 17, wherein said rotating table is provided with a chuck for chucking a workpiece which is the object to be processed. to process an object.

20. (New) : A rotating table apparatus according to Claim 15, further comprising a seal provided between said table and said housing for preventing aid oil from leaking from said gap portion.